Lodestar Surface AHRS
QUICK START GUIDE

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SOUND IN DEPTH

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INSTRUCTIONS:

Install Lodestar configuration software on PC, then follow the numbered steps (in the coloured circles) to connect to and then configure the Lodestar for AHRS use. See the **Key** for explanation of which steps are required or optional.

Refer to the following manuals on the supplied documentation CD for further instructions:
• Lodestar Hardware
• Lodestar AHRS Operation
• Lodestar AHRS Messages

Key
- ⭕ Required step for **ALL** operation
- ⭕ Required step for **SERIAL** operation
- ⭕ Required step for **ETHERNET** operation
- ⭕ Optional step for **GPS** compensation

START

Using Console Test Cable? Check BLUE pins are connected.

1 Connect the power cable (P/N 8084-054).

2 Connect the CONSOLE cable (P/N 8084-133) to the serial port of a PC. Connect the cable to Lodestar's CONSOLE port.

3 Connect the COMMS cable (P/N 8084-134) to the Comms_1 port. This port will provide the primary AHRS output

4 Connect the GPS input cable to Comms_2 port with cable (P/N 820-134)

5 Connect an ETHERNET cable to the Ethernet port. This port will provide input and output

6 Power Lodestar, wait 1 minute….

7 Start configuration software on the PC

8 Press **Connect** button to set-up connection and connect to Lodestar

9 Enter **Default Latitude** on **Gyro-Compass** tab, press **Apply**

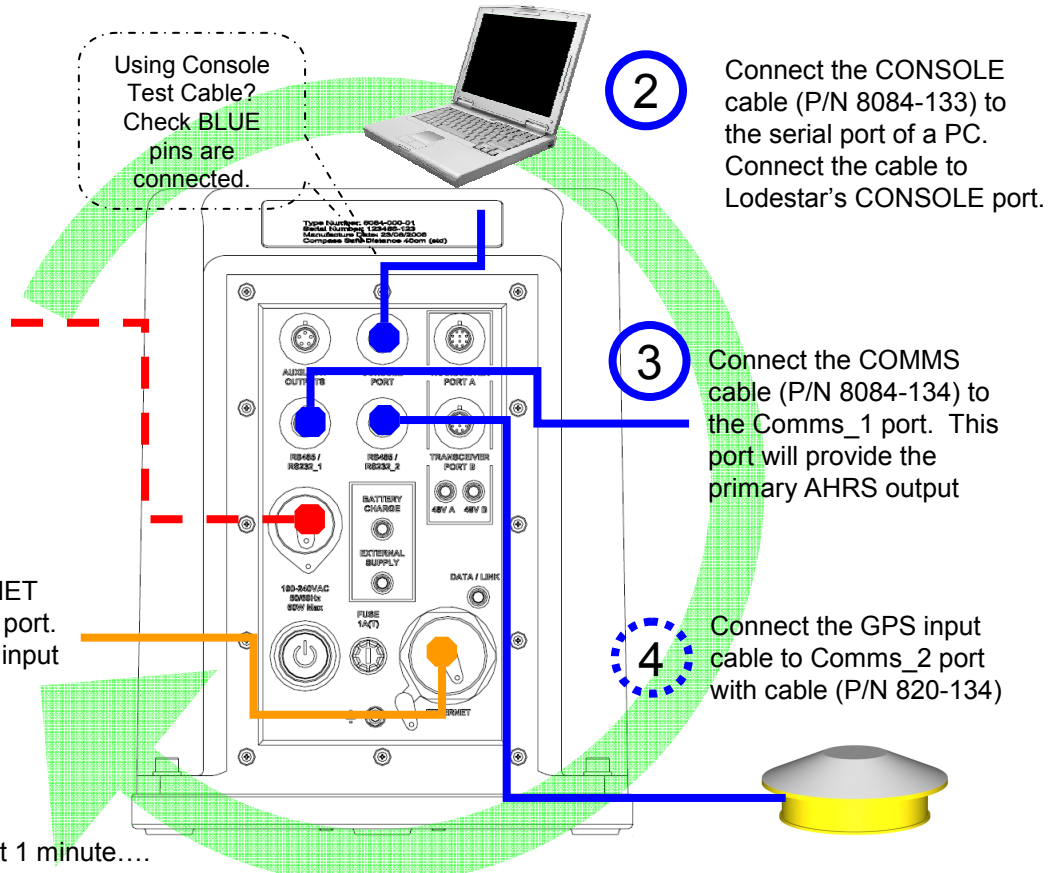**10** Configure output on **C1** port tab, press **Apply**

11 Configure output on **Ethernet** port tab, press **Apply**

12 Configure **GPS Compensation** on **Gyro-Compass** tab, press **Apply**

13 Having made changes press **Full Reset**.

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